


<b>Name and Surname</b>	<b>Ahmad Sheykhi</b> 		
<b>Affiliations</b>	Professor and Head of Astrophysics and Cosmology Group, Shiraz University,		
<b>Date and Place of Birth</b>	11/11/1976 Dashtestan, Bushehr Province, Iran		
<b>Nationality</b>	Iranian		
<b>Address (private)</b>	Apartment 12, First Floor, Paradise Building, 8+1 Alley, Shaban Street, Esteghlal Avenue, Shiraz, Iran, Postal code: 7175761517, Phone:+98-7138380074,		
<b>Address (office)</b>	Physics Department, Shiraz University, Eram Sq., Shiraz, Iran, Tel:+98-36137035		
<b>Email and Phone</b>	<a href="mailto:asheykhi@shirazu.ac.ir">asheykhi@shirazu.ac.ir</a> , +98-9132999848 <a href="https://inspirehep.net/authors/1034792">https://inspirehep.net/authors/1034792</a> <a href="https://sci.shirazu.ac.ir/~asheikhi">https://sci.shirazu.ac.ir/~asheikhi</a> <a href="https://scholar.google.com/citations?user=9D5mawgAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=9D5mawgAAAAJ&amp;hl=en</a>		
<b>Homepage</b>			
<b>Scopus ID</b>	55897266600		
<b>WoS Research ID</b>	W-9102-2018		
<b>Publications</b>	250 ISI papers ( see total papers on google scholar)		
<b>Citations</b>	10040 (google scholar)		
<b>h-index</b>	55 (google scholar) in Scopus 50		
<b>i10-index</b>	183 (google scholar)		
<b>Nature Index papers</b>	86		
<b>Thesis Supervisor</b>	MSc Thesis: 35 students, PhD Thesis: 15 students Postdoc Fellow Researcher: 8		
<b>Educations</b>	PhD	Gravity and Cosmology	2004-2007 Shiraz University
	MSc	Theoretical Physics	2002-2004 Shiraz University
	BSc	Physics	1998-2002 Shiraz University
<b>Positions</b>	2016- Present, Professor and Chair of Astrophysics and Cosmology Group, Physics Department, Shiraz University, 2011-2016, Associate Prof. and Chair of Astrophysics and Cosmology Group, Shiraz University 2007-2011, Assistant Professor, Shahid Bahonar University of Kerman, Iran		
<b>Research Interest</b>	High Energy Physics, Cosmology, Black Holes Physics, Gauge/Gravity Duality, Holographic Superconductors.		
<b>Academic member/ Managerial records</b>	<ul style="list-style-type: none"> <li>• Member of the Academy of Science of Iran since 2012</li> <li>• Director of the Graduate Students of Shiraz University (2016-2019)</li> <li>• Director of the Shiraz University Elite Students (2013-2016)</li> <li>• Member of the Federation of Scientific Elites of Iran since 2017</li> <li>• Member of the National Elite Foundation</li> <li>• Member of the board of the Iranian Astronomy Society</li> <li>• Permanent member of the Iranian Physics Society</li> <li>• Permanent member of the Iranian Astronomy Society</li> <li>• Editor in Chief of the Iranian Journal of Science and Technology, (Science) 2015-2016</li> <li>• Editor of the Iranian Journal of Science and Technology, (Science) since 2012</li> <li>• Permanent member of Excellence in Astronomy and Astrophysics of Iran (CEAAI),</li> </ul>		

<b>Academic Honors and Awards</b>	<ul style="list-style-type: none"> <li>• Two top percent of the world's most cited scientists (Stanford University List) during 2019-2024 according to Scopus and Elsevier data</li> <li>• The first rank during the Scientific life in Shiraz University among two top percent world scientist Since 2019 according to Stanford University assessment.</li> <li>• Distinguished Professor of the Country, Iran, 2021</li> <li>• Laureate of Elite Federation award of Iran since 2018 every year.</li> <li>• Professorship from Max Planck Institute for Gravitational Physics (Albert Einstein Institute) in 2020 for six months</li> <li>• TWAS Prize to young scientist from Iran in 2014</li> <li>• Khwarizmi International Prize Award in Fundamental Sciences, Feb 2014</li> <li>• Distinguished Referee of European Physics Journal (EPJ) in 2013</li> <li>• Distinguished Researcher in Shiraz University, in the interval 2012- 2020</li> <li>• Distinguished Researcher in Fars Province, 2014 , 2019 and 2024</li> <li>• Distinguished Researcher in Kerman University and Kerman Province, 2008- 2011</li> </ul>
<b>International Invited Speaker and Scientific Visit</b>	<ul style="list-style-type: none"> <li>• Invited Speaker, RATOP – Relativistic Astrophysics – Theory and Observational perspectives, March 2021, Warsaw, Poland</li> <li>• Invited Speaker, Physics Department, University of Vienna, Jun 2020</li> <li>• Invited Speaker, Progress on Old and New Themes in cosmology (PONT) 2020, Avignon, France</li> <li>• Scientific visit of Institute of Physics, University of Oldenburg, Germany, August 2019- Jan 2020</li> <li>• Invited Speaker, RTG colloquium, Oldenburg University, Germany, Sep 2019</li> <li>• Invited Speaker, RTG colloquium, Bremen University, Germany Nov 2019</li> <li>• Scientific visit of Max Planck Institute for Gravitational Physics (Albert Einstein Institute), Potsdam, Germany, Jan 2020-July 2020</li> <li>• Invited Speaker, Max Planck Institute for Gravitational Physics, Germany, Feb 2020</li> <li>• Summer School on Cosmology, ICTP, Trieste, Italy, 4-15 Aug 2014,</li> <li>• Summer School on Cosmology, ICTP, Trieste, Italy, June 2016,</li> <li>• Spring School in Superstring Theory and Related Topics, 15-25 March 2017, ICTP, Trieste, Italy</li> <li>• ICHEP'06, (International Conference on High Energy Physics), Moscow, Russia, July 26 to Aug. 2, 2006</li> <li>• Scientific visitor, Fudan University, Shanghai, China, Dec 2006- Jun 2007</li> <li>• Invited Speaker, Annual Conferences in Physics, Fudan University, Shanghai, China, June 2007</li> </ul>
<b>Teaching Experience</b>	<p><b>Undergraduate:</b> Basic Physics, Electromagnetic Theory, Quantum Physics, Mathematical Physics, Classical Mechanics, Special Relativity, Thermodynamics, Statistical Physics, Modern Physics, General Relativity and Cosmology for undergraduate.</p> <p><b>Graduate:</b> General Theory of Relativity I and II, Cosmology, Dark Energy and Dark matter, Advanced Statistical Mechanics, Classical Electrodynamics, Black Holes Physics, Advanced Quantum Mechanics, Differential Geometry and Topology, Advanced Group Theory</p> <p><b>I can teach all courses in physics for graduate and undergraduate students.</b></p>
<b>Books</b>	<p>The dark side of the Universe Dark Energy</p>
<b>Conferences papers</b>	<p>55</p>

## List of 12 most significant publications:

1. **A. Sheykhi**, B. Wang, R. G. Cai, *Deep connection between thermodynamics and gravity in Gauss-Bonnet braneworld*, Phys. Rev. D 76 (2007) 023515.
2. **A. Sheykhi**, *Entropic corrections to Friedmann equations*, Phys. Rev. D 81 (2010), 104011
3. M Tavayef, **A. Sheykhi**, K Bamba, H Moradpour, *Tsallis holographic dark energy*, Phys. Lett. B 781 (2018), 195
4. **A. Sheykhi**, *Thermodynamical properties of apparent horizon in warped DGP braneworld* Nucl. Phys. B 779 (2007), 1
5. **A. Sheykhi**, *Thermodynamics of interacting holographic dark energy with apparent horizon as an IR cutoff*, Class. Quant. Gravit. 27 (2010) 025007
6. **A. Sheykhi**, *Modified Friedmann equations from Tsallis entropy*, Phys. Lett. B 785 (2018) 118
7. **A. Sheykhi**, *Interacting holographic dark energy in Brans–Dicke theory*, Phys. Lett. B 681 (2009), 205
8. **A. Sheykhi**, *Higher-dimensional charged  $f(R)$  black holes*, Phys. Rev. D 86 (2012), 024013
9. **A. Sheykhi**, *Holographic scalar field models of dark energy*, Phys. Rev. D 84 (2011), 107302
10. **A. Sheykhi**, *Thermodynamics of apparent horizon and modified Friedmann equations*, Eur. Phys. J. C 69 (2010), 265
11. **A. Sheykhi**, *Friedmann equations from emergence of cosmic space*, Phys. Rev. D 87 (2013), 061501 (Rapid Communication)
12. **A. Sheykhi**, *Interacting agegraphic dark energy models in non-flat universe*, Phys. Lett. B 680 (2009) 113